(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 13 January 2005 (13.01.2005)

PCT

(10) International Publication Number WO 2005/004071 A1

(51) International Patent Classification7: G01G 19/414

G07G 1/00,

(21) International Application Number:

PCT/US2004/020571

(22) International Filing Date: 25 June 2004 (25.06.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 10/609,446

27 June 2003 (27.06.2003) US

(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:

US

27 June 2003 (27.06.2003)

Filed on

10/609,446 (CIP)

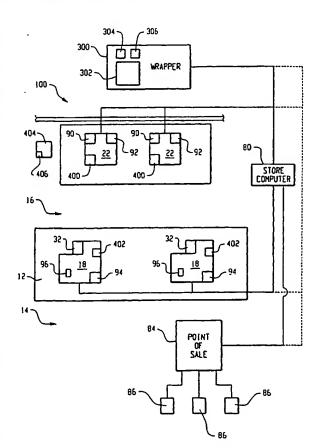
(71) Applicant (for all designated States except US): PRE-MARK FEG L.L.C. [US/US]; 1300 Market Street, Wilmington, DE 19801 (US).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): SCHULLER, Robert, J. [US/US]; 1914 Woodbine Court, Troy, OH 45373 (US). WEISZ, Robert, J. [US/US]; 39 Golf Links Drive, Aurora, Ontario L4G 3V4 (CA). MILLS, Nigel, G. [US/US]; 600 Winding Way, Kettering, OH 45419 (US). EBERHARDT, Mark, E., Jr. [US/US]; 1780 Beechwood Drive, Troy, OH 45373 (US).
- (74) Agents: NIEBERDING, Michael, J. et al.; Thompson Hine LLP, 2000 Courthouse Plaza NE, 10 West Second Street, Dayton, OH 45402-1758 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,

[Continued on next page]

(54) Title: FOOD PRODUCT SCALE AND RELATED IN-STORE RANDOM WEIGHT ITEM TRANSACTION SYSTEM WITH RFID CAPABILITIES



(57) Abstract: A random weight item transaction system include a scale with label RIFD tag functionality, service person RFID tag functionality and customer RFID tag functionality. A slicer in proximity to the scale may include service person and bulk food product RFID functionalities. The scale may make weigh transaction data available to a computerized checkout system via a communications link or via writing the information to the label RFID tag.

GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.